

**AMENDMENTS TO THE SPECIFICATION:**

Please replace the paragraph 0018 with the following:

[0018] The pins of the physical layer chip 201, which are sensitive to parasitic capacitances, are connected to a transformer 202. The secondary side of the transformer 202 is routed directly to an interface 203 within the mobile computer 101 to a Category 5 (CAT-5) transmission medium connector, such as a RJ-45 connector, as well as to the docking connector 204. The docking connector 204 is, in turn, also a connector to a CAT-5 transmission medium interface 205. The interfaces 203 and 205 are then used to drive signals over up to and often beyond 100 meters (m) of CAT-5 cable to a network packet switch or a router.